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Amendments of Claims:

1. (Canceled)

2. (Currently Amended) A mobile wireless communication system for a variety of different mobile user types, comprising:

a plurality of individual transponding nodes;

a plurality of individual resource cells each associated with a particular one of said plurality of transponding nodes and one of a plurality of available CDMA codes;

a plurality of mobile user terminals, each of which is assigned to operate in one or more of said plurality of individual resource cells;

wherein each of said plurality of individual resource cells is assigned to at most one of said plurality of mobile user terminals at any one time; and

a central processing hub, which establishes links to one or more of said [[users]] user terminals through one or more of said plurality of transponding nodes wherein the specific transponding node and codes used to complete each of said links is determined by the resource cells respectively assigned to the plurality of the user terminals;

wherein said central processing hub pre-processes transmission signals for forward link transmission such that the transmission signals are radiated with compensating time delays to an intended one of said plurality of mobile users user terminals that coherently receives said signals;

wherein said central processing hub post-processes received signals to introduce compensating time delays such that said received signals from a particular one of the plurality of remote user terminals may be coherently processed.

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3. (Previously Presented) The system of claim 2, wherein each of said plurality of individual transponding nodes is independently selected from one of the following system types: a space-based system, a high altitude platform system, a tower based cellular network, or a manned/unmanned aircraft.

4. (Original) The system of claim 2, wherein at least one said plurality of mobile terminals is assigned resource cells in platform-code space for said return link that are different from said resource cells in platform-code space assigned for said forward link.

5. (Original) The system of claim 3, wherein said high altitude platform system is comprised of a plurality of manned/unmanned airships.

6. (Original) The system of claim 3, wherein said high altitude platform system is comprised of a plurality of high altitude balloons.

7. (Original) The system of claim 3, wherein said plurality of individual transponder nodes are all of the same type.

8. (Original) The system of claim 3, wherein said plurality of individual transponder nodes are not all of the same type.

9. (Currently Amended) A method for establishing a plurality of communication links to a plurality of ~~different users~~, user terminals comprising:
providing a plurality of individual transponding nodes;

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processing pre-processing a plurality of local user signals at a ground hub to compensate for differential propagation delays to any one of [[a]] the plurality of remote users user terminals;

assigning each of said plurality of remote users user terminals one or more resource cells in platform-code space at the ground hub;

wherein said resource cells assigned to one of the [[a]] user terminals for use on the forward link may or not be the same as those assigned for use on the return link;

wherein each resource cell assigned to a respective one of the plurality of user terminals enables the user to transmit transmission of transmit signals to the hub through a particular transponder node using a first resource cell and to coherently receive signals from more than one transponder node using a second resource cell; and

post-processing transmit signals at the ground hub to compensate for differential propagation delays such that all transmit signals from one of the plurality of user terminals may be coherently processed.

10. (Original) The method of claim 9, wherein at least one of said plurality of transponder nodes is selected from a high altitude platform system.

11. (Original) The method of claim 10, wherein said high altitude platform system includes a plurality of manned/unmanned airships.

12. (Original) The method of claim 10, wherein said high altitude platform system is comprised of a plurality of high altitude balloons.

13. (Original) The method of claim 9, wherein at least one of said plurality of transponder nodes is selected from a tower based cellular network.

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14. (Original) The method of claim 10, wherein at least one of said plurality of transponder nodes is selected from a space based system.

15. (Currently Amended) A mobile wireless communication system for mobile users, comprising:

a plurality of individual transponder nodes, each having an established link with a ground hub;

a plurality of individual resource cells each associated with at least one of said plurality of transponder nodes and at least one of a plurality of codes;[[and]]

a plurality of remote-users user terminals having an established link with said ground hub, [[and]] each of the plurality of user terminals being assigned one or more of said plurality of individual resource cells in code-platform space wherein at least a first user terminal of the plurality of remote-users user terminals is assigned first resource cells from the plurality of individual resource cells corresponding to more than one transponder node so that the signals generated from the transponder nodes are coherently added together at the first user terminal; and

a central processing hub, which establishes links to one or more of said user terminals through one or more of said plurality of transponding nodes wherein the specific transponding node and codes used to complete each of said links is determined by the resource cells respectively assigned to the plurality of the user terminals;

wherein said central processing hub pre-processes transmission signals for forward link transmission such that the transmission signals are radiated with compensating time delays to an intended one of said plurality of user terminals that coherently receives said signals; and

wherein said central processing hub post-processes received signals to introduce compensating time delays such that said received signals from a particular one of the plurality of user terminals may be coherently processed.

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16. (Original) The system of claim 15, wherein each of said plurality of individual transponder nodes is selected from among the following platforms: a space-based system, a tower-based cellular network, a manned/unmanned aircraft or a high altitude platform system.

17. (Original) The system of claim 16, wherein said high altitude platform system is comprised of a plurality of manned/unmanned airships.

18. (Original) The system of claim 16, wherein said high altitude platform system is comprised of a plurality of high altitude balloons.

19. (Original) The system of claim 16, wherein said plurality of individual transponder nodes are selected from the same platform.

20. (Original) The system of claim 16, wherein said plurality of individual transponder nodes are selected from at least two of the platforms.

21. (Original) The system of claim 16, wherein said ground hub pre-processes signals for forward link transmission and post-processes signals for return link reception.

22. (Currently Amended) The system of claim 21, wherein at least one of said plurality of mobile user terminals is assigned resource cells in platform-code space for said return link that are different from those assigned for said forward link.